

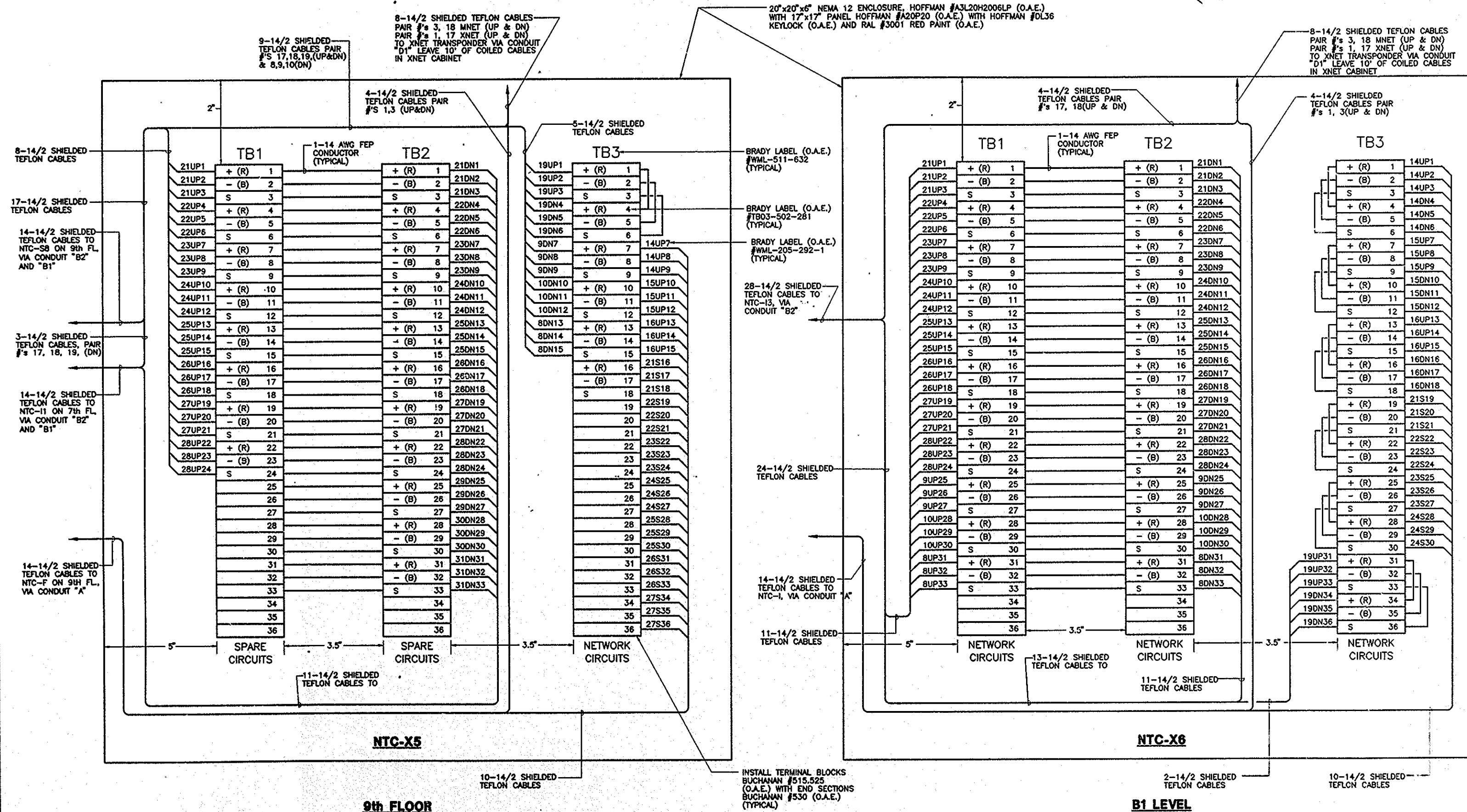
DETAIL 'A' - TYPICAL SHIELD/DRAIN INSULATING METHOD

NOTES:

1. FOR LEGEND, ABBREVIATIONS & GENERAL NOTES, SEE DWG E-1 AND E-2.
2. ALL SHIELDS SHALL BE ISOLATED FROM GROUND. APPROVED "SHRINK" TUBING SHALL BE USED ON ALL DRAIN CONDUCTORS. SEE DETAIL "A" (ON THIS DWG).
3. CONTRACTOR SHALL TERMINATE, TEST AND MAKE FINAL CONNECTION IN NTC-X5 AND NTC-X6.
4. FOR NTC-X5 ENCLOSURE LOCATION, SEE DWG'S E-25 AND E-26.
5. FOR NTC-X6 ENCLOSURE LOCATION, SEE DWG'S E-5 AND E-6.

LEGEND

- 21UP5
21SS
- #14 AWG CONDUCTORS AND DRAINS
21 - INDICATES PAIR NUMBER
S - INDICATES SPARE PAIR
UP - INDICATES WIRE RUN TO UPPER FLOOR
DN - INDICATES WIRE RUN TO LOWER FLOOR
5 - INDICATES TERMINAL BLOCK NUMBER
- TB2 - TERMINAL BLOCK #2
- (+) INDICATES POSITIVE POLARITY
(-) INDICATES NEGATIVE POLARITY
(R) INDICATES RED WIRE
(B) INDICATES BLACK WIRE
(S) INDICATES SHIELD/L IN WIRE
2 INDICATES TERMINAL BLOCK POINT NUMBER



THE PORT AUTHORITY
OF NY & NJ

[Signature]
ENGINEERING PROGRAM MANAGER
WORLD TRADE CENTER
CHIEF ELECTRICAL ENGINEER

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS CONSTITUTING A PART OF CONTRACT NO. *WTC-861.571* IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.

DATE *12/17/99* *[Signature]*
DATE *1/1/00* *[Signature]*

No. Date Revision Approved

ENGINEERING DEPARTMENT

WORLD TRADE CENTER

ELECTRICAL
Title
FIRE ALARM SYSTEM
PHASE III
5 WTC MER'S, EMR'S
AND SUBSTATIONS

**NTC-X5 AND NTC-X6
BLOCK WIRING
DIAGRAM**

This drawing subject to conditions in Contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

FELDMAN ROYZMAN
Designed by Drawn by Checked by

5-17-99
Date

WTC-861.571 E-14
Contract Number Drawing Number